

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231*BCL*

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

09/212, 292      12/16/98      JUN

S      P55281

LM02/0705

EXAMINER

ROBERT E. BLISHNELL  
ATTORNEY-AT-LAW  
1522 K STREET, N.W., SUITE 300  
WASHINGTON DC 20005-1202

ZAMANI, A

ART UNIT	PAPER NUMBER
----------	--------------

2774

DATE MAILED:

07/05/00

Please find below and/or attached an Office communication concerning this application or proceeding.

**Commissioner of Patents and Trademarks**

<b>Office Action Summary</b>	Application No. 09/212,292	Applicant(s) Sung-Gon Jun
	Examiner Ali Zamani	Group Art Unit 2774



- Responsive to communication(s) filed on \_\_\_\_\_
- This action is **FINAL**.
- Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle* 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

#### Disposition of Claim

- Claim(s) 1-8 is/are pending in the application.
- Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- Claim(s) \_\_\_\_\_ is/are allowed.
- Claim(s) 1-8 is/are rejected.
- Claim(s) \_\_\_\_\_ is/are objected to.
- Claims \_\_\_\_\_ are subject to restriction or election requirement.

#### Application Papers

- See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- The proposed drawing correction, filed on \_\_\_\_\_ is  approved  disapproved.
- The specification is objected to by the Examiner.
- The oath or declaration is objected to by the Examiner.

#### Priority under 35 U.S.C. § 119

- Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- All  Some\*  None of the CERTIFIED copies of the priority documents have been  received.
- received in Application No. (Series Code/Serial Number) \_\_\_\_\_.
- received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

- Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

#### Attachment(s)

- Notice of References Cited, PTO-892
- Information Disclosure Statement(s), PTO-1449, Paper No(s). 4
- Interview Summary, PTO-413
- Notice of Draftsperson's Patent Drawing Review, PTO-948
- Notice of Informal Patent Application, PTO-152

— SEE OFFICE ACTION ON THE FOLLOWING PAGES —

Art Unit: 2774

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1- 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Miichi (US Pat. No. 5,880,745) in view of Kitou et al. (US Pat. No. 5,870,073).

3. In regard to claims 1-8, Miichi discloses a flat panel display information including video data synchronizing data from a host (15) processing digital in a serial digital communication, comprising: a receiver (45) for reconstructing said display information; a digital-to analog converter (50) for converting said video data to a corresponding video signal and an output terminal for externally transferring said signal and analog video signal to an analog display (Fig. 5, col. 8, lines 41-66). Miichi substantially shows all the above claimed limitations except for “Synchronizing signal generator”. However, Kitou et al. is cited to show the concept of using a synchronizing signal generator for generating a synchronizing signal by extracting the synchronizing data from said reconstructing display information is old. Thus, it would have been obvious to one of ordinary skill in the art to utilize the circuit (208) of Kitou et al. in the display of

Art Unit: 2774

Miichi to provide a flat panel display with means for connecting to an analog display, which may make a convenient presentation to many people.

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Lim, Bang and Suga et al. are made of record to show various types of flat panel display information.

*Conclusion*

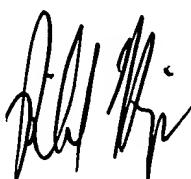
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ali Zamani whose telephone number is (703) 308-6414. The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard A. Hjerpe, can be reached on (703) 305-4709. The fax phone number for the organization where this application or proceeding is assigned is (703) 308-9051.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Ali Zamani

June 30, 2000



RICHARD A. HJERPE  
SUPERVISORY PATENT EXAMINER  
GROUP 27C0